



Sheet 1 of 2

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
4015-984	09/915,896
Applicant:	
Paul W. Dent	
Filing Date:	Group:
December 5, 2001	2681

U. S. PATENT DOCUMENTS

Examiner		Patent No.	Date	Name	Class	Subcl	Filing Date
Initial							If Approp.
W	A	5,481,572	1996	Skold et al.			Technology Center 2600 DEC 20 2001
W	B	5,499,272	1996	Bottomley			
W	C	5,594,941	1997	Dent			
W	D	5,619,503	1997	Dent			
W	E	5,631,898	1997	Dent			
W	F	5,642,358	1997	Dent			
W	G	5,724,666	1998	Dent			
W	H	5,812,935	1998	Kay			
W	I	5,812,947	1998	Dent			
W	J	5,845,199	1998	Longshore			
W	K	5,848,060	1998	Dent			
W	L	5,867,791	1999	Chambert			
W	M	5,883,888	1999	St-Pierre			

FOREIGN PATENT DOCUMENTS

	Patent No.	Date	Name	Class	Subcl	Translation	
						Yes	No

OTHER DOCUMENTS (including author, title, date, pages, etc.)

W	1	<i>Initial Estimation of Communication Efficiency of Indoor Wireless Channels</i> , G. J. Foschini and R. A. Valenzuela, Wireless Networks 3, pp. 141-154, 1997; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory, Holmdel, NJ 07733, USA					
W	2	<i>On Limits of Wireless Communications in a Fading Environment When Using Multiple Antennas</i> , G. J. Foschini and M.J. Gans, Wireless Personal Communications, Vol. 6 (No.3), pp. 311-335, Kluwer Academic Publishers, March, 1998; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory – R137, 791 Holmdel-Keyport Road, Holmdel, NJ 07733-0400, USA					

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Sheet 2 of 2

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Docket Number:

4015-984

Serial Number:

09/915,896

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Applicant:

Paul W. Dent

Filing Date:

December 5, 2001

Group:

2681

U. S. PATENT DOCUMENTS

Examiner		Patent No.	Date	Name	Class	Subcl	Filing Date
Initial							If Approp.
<i>W</i>	N	5,909,460	1999	Dent			Technology Center 2600
<i>W</i>	O	5,930,248	1999	Langlet et al.			
<i>W</i>	P	5,940,742	1999	Dent			
<i>W</i>	Q	5,963,874	1999	Mahler			
<i>W</i>	R	5,991,282	1999	Langlet et al.			
<i>W</i>	S	6,006,075	1999	Smith et al.			
<i>W</i>	T	6,081,566	2000	Molnar et al.			
<i>W</i>	U	6,088,593	2000	Dent			
<i>W</i>	V	6,104,933	2000	Frodigh et al.			

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Whickel

DATE CONSIDERED

08/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.

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FORM PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98

Docket Number:	Serial Number:
4015-984	09/915896
Applicant:	
ERICSSON INC.	
Filing Date:	Group:
July 26, 2001	2681

U. S. PATENT DOCUMENTS

Examiner					Filing Date		
Initial	Patent No.	Date	Name	Class	Subcl	If Approp.	
<i>mu</i>	A 6144711	2000	Pollack Michael A et al				

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NOV 04 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

					Translation		
	Patent No.	Date	Name	Class	Subcl	Yes	No
<i>mu</i>	B EP1087545	2001	Univ Singapore				

OTHER DOCUMENTS (including author, title, date, pages, et.)

EXAMINER

Mark Long

DATE CONSIDERED

08/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.